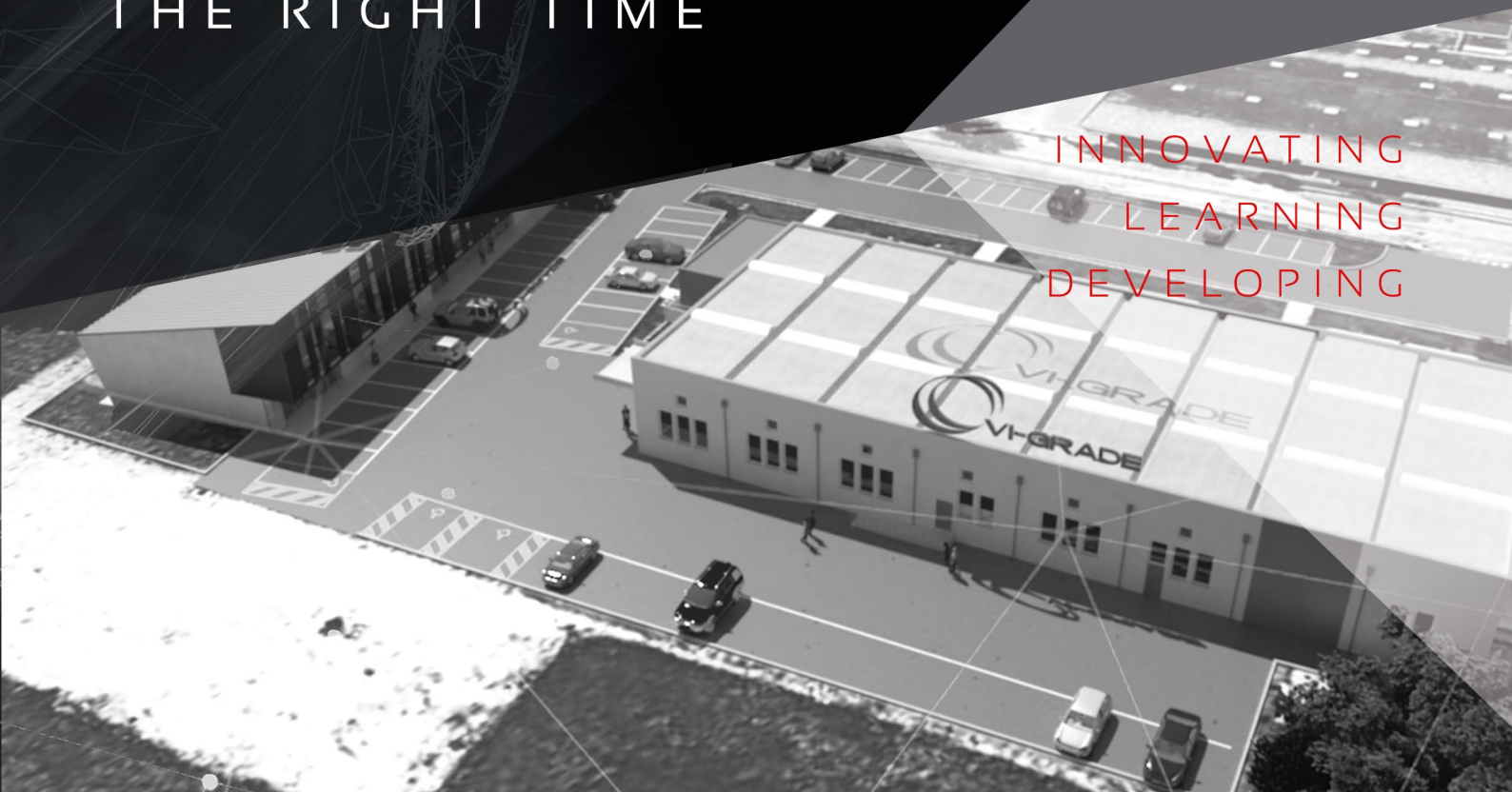


# SimCenter Rental

THE RIGHT PLACE AT  
THE RIGHT TIME

INNOVATING  
LEARNING  
DEVELOPING



# Challenges

INNOVATING  
LEARNING  
DEVELOPING

## WHERE DO NEW CONCEPTS GROW?

One of the most important needs of engineers and designers in the automotive industry has always been **to be able to have reliable data available quickly and to evaluate the various opportunities** starting from the design phase.

Today, the objective is achieved thanks to the use of driving simulators: the **ultimate virtual design tool, allowing companies to bridge the gap between physical testing and simulation.**

Moreover, Driving Simulators give designers and managers new, unimaginable opportunities to develop vehicles in line with contemporary trends and able to successfully solve market challenges.



### NEED LOWER COSTS AND HIGH EFFICIENCY

Minimize development costs while maximizing efficiency from the early steps of the design process.



### NEED FOR SPEED

Guarantee quick and responsive development tools able to adapt your project to market needs and trends.



### NEED OF ON-DEMAND ACCESS

Using powerful simulation tools and facilities to extract maximum simulation capabilities while avoiding a steep learning curve.

**Looking for  
the best driving  
experience ever**



# Solution

INNOVATING  
LEARNING  
DEVELOPING

## RENT A PLACE TO DEVELOP YOUR IDEAS

It is often difficult, if not impossible, for automotive engineers and designers to be able to count on a high-level partner in driving simulation to work with a like-mindedness approach. However, this is now possible **thanks to the network of VI-grade SimCenters**: a growing cluster of engineering sites located worldwide aimed at giving you access to state-of-the-art technology and expertise to shift from testing to simulation.

In just one place, our **SimCenter offers direct access to our full range of driving simulators** (compact, static, dynamic) as well as to our software and hardware developers. Book a dedicated session in one of our SimCenters and **you will have the chance to perform vehicle dynamics, ride&comfort, ADAS/AV, HMI and motorsports simulations** using your own vehicle model and components. Experiment and improve your product by driving our simulators, **welcome to VI-grade SimCenter!**



### GOALS

- Access to ultimate VI-grade technology, software and hardware..
- Design your products with VI-grade teams and bring new projects to life.
- Work in a confidential environment and get trained on how to use the driving simulator. The SimCenter can be rented exclusively
- All costs are calculated on a pay-per-use basis.



### FEATURES

- High-resolution projectors
- Wide FOV screens
- Different cockpits (passenger, racing...)
- HiL and SiL
- Advanced steering
- Active belts, seat and brake
- Shakers for high-frequency
- Eye tracking
- Immersive sound
- Different race tracks and scenarios
- Advanced tire models
- Traffic and sensors
- Vehicle data streaming
- Physiological parameters tracking





# Benefits

INNOVATING  
LEARNING  
DEVELOPING

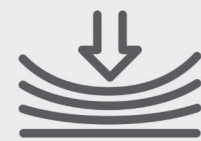
## TURN THE KEY OF DESIGN

Driving simulators have a crucial part in the automotive development and it is now almost impossible to innovate without them. Sports car pilots, car manufacturers, component manufacturers, universities, research and development institutes all benefit from using them.



### AVAILABILITY

- Immediate access to simulation tools, with support and preparation from the VI-grade expert staff that design and operate our solutions everyday
- VI-grade already features one major SimCenter in each continent.
- More SimCenters will be added in the near future.



### CUSTOMIZATION

- Personalized sessions to respect your timesheet and workload
- All the support needed to help you on-the-fly while working.



### EFFICIENCY

- Access all available types of simulators at the same time. Hold meetings in dedicated rooms.
- Work with our Software and Hardware experts.



**SimCenter Rental helps** customers bridge the gap between testing and simulation by providing direct access to a full range of driving simulators operated by software developers and experienced driving simulator engineers.



## Are you ready to evolve with SimCenter Rental?

“By coming to our SimCenter you will find a unique environment with state-of-the-art driving simulators, from a Compact through a Static up to the DiM Dynamic Simulator. In a confidential and protected environment, you will have the possibility to validate the latest developments and perform any kind of tests that otherwise would require weeks or months to get done. All our engineering teams will support you during the use of those simulators, granting full efficiency and productivity right from the start. Furthermore, a large selection of tracks, proving grounds and roads makes it possible to perform both vehicle dynamics, ride and ADAS tests. Additional technologies such as active components, eye-tracking, real-time biotelemetry, HiL, and advanced sounds make the experience at VI-grade SimCenter even more realistic.”

Diego Minen – CTO, VI-grade



INNOVATING

LEARNING

DEVELOPING



# BRIDGING THE GAP

BETWEEN TESTING AND SIMULATION



Learn more at [vi-grade.com/SimCenter\\_rental](http://vi-grade.com/SimCenter_rental)